



Sierra Wireless Android RIL Release Notes

Marshmallow 6.0 x86 RELEASE

Revision:	V6.0.4.0
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1 General

1.1 Purpose

This document describes the Sierra Wireless Android Marshmallow 6.0 x86 RIL Release.

1.2 Summary of Document Revision History

Date	Author	Summary of Changes
29 Jan 2016	Stanley Ng	Initial version for V6.0.1.0
24 Mar 2016	Leo Lee	Update for V6.0.3.0
29 Apr 2016	Leo Lee	Update for V6.0.4.0

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2 Supported Configurations

2.1 Release Configurations Supported

These release notes apply to the following release configurations:

AndroidRIL_V6.0.4_x86_64_6.0_V1.0_bin
Android RIL version 6.0.1.0
Supports x86 based processors,
For Android Marshmallow (6.0) 64bit user space.
Binary only release

2.2 Sierra Modules Supported

The Android RIL supports the following devices and firmware versions:

- MC8305 (G3K) - firmware version 1580 and 3.3
- MC8355 (G3K) - firmware version 1580 and 3.3
- MC7700 - firmware version SWI9200X_03.05.16.01 (or greater)
- MC7710 - firmware version SWI9200X_03.05.16.01 (or greater)
- MC7750 - firmware version SWI9600M_03.05.10.05 (or greater)
- SL909x - firmware version 331403 (and greater)
- SL8092 - firmware version SWI6600P_02.00.01.01 (or greater)
- MC7354 - firmware version SWI9X15C_05.04.02 (or greater)
- MC7304 - firmware version SWI9X15C_05.04.02 (or greater)
- EM7330 - firmware version SWI9X15C_05.05.22 (or greater)
- EM7305 - firmware version SWI9X15C_05.05.16 (or greater)
- EM8805 - firmware version SWI9X15C_05.05.16 (or greater)
- MC/EM7355 - firmware version SWI9X15C_05.05.16 (or greater)
- MC/EM7455 - firmware version SWI9X30C_02.02.00.00 (or greater)
- HL7518 - firmware version HL75xx.2.13 (or greater)
- HL7519 - firmware version HL75xx.2.13 (or greater)
- HL7528 - firmware version AHL7528.2.6.151000 (or greater)
- HL7538 - firmware version AHL7538.1.0.152100 (or greater)
- HL7539 - firmware version AHL7539.1.0.152101 (or greater)
- HL7548 - firmware version HL75xx.A.2.13 (or greater)
- HL7549 - firmware version BHL7549.1.3.15200 (or greater)
- HL7588 - firmware version AHL75xx.A2.6.151600(or greater)
- HL8518 - firmware version AHL85xx.5.13.2.3 (or greater)
- HL8528 - firmware version AHL85xx.5.13.2.3 (or greater)
- HL8529 - firmware version AHL85xx.5.13.2.3 (or greater)

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- HL8548 - firmware version RHL85xx.5.5.12.0 (or greater)
- HL8549 - firmware version RHL85xx.5.5.12.0 (or greater)

The MC7700 and MC7710 modules can be configured to operate in “QMI Mode” or “Direct-IP” mode. For this RIL to operate properly, the devices must be in “QMI Mode”.

MC73xx, MC7750, MC8305, MC8355 and SL909x only support QMI mode so they will work by default.

MC73xx support multi PDN by default, it needs to switch back to single PDN to work with Android RIL.

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3 Revision History

3.1 Version 6.0.4.0

- Fixed SierraFwDI7xxx -f parameter does not work with CWE image
- Fixed connected cell information does not update issue
- Fixed data connection may loss after long host idle issue
- Fixed the issue of modem may wake up host too often

3.2 Version 6.0.3.0

- Fixed EVDO signal strength strange default value.
- Fixed EM8805 module cannot recognized.
- Fixed SELinux permission issue of DHCP.
- Fixed SierraFwDI7xxxx display incorrect image information of CWE image.
- Fixed data connection loss after host resume.
- Add support to MEP unlock.

3.3 Version 6.0.1.0

- Support Android 6.0.1 Marshmallow
- Fixed EVDO signal strength not report correctly on Verizon network

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4 Known Limitations

The following known issues exist in Android 6.0 RIL. We will work to resolve them in a future release.

- None.

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5 Planned Feature Enhancements

5.1 Planned Feature Enhancements

The following features are planned to be supported in a future release of the RIL:

- OTASP/OMADM support for MC73xx series modem.